

CLAIMS

I claim:

1. A method for remotely communicating with a computer system operable in a headless environment, comprising:
 - 5 (a) routing communication from a first partition of the system to a service processor; and
 - (b) routing communication from said service processor to a remote console.
2. The method of claim 1, wherein the step of routing communication from said first partition to said service processor includes utilizing a UART communication channel.
3. The method of claim 1, wherein the step of routing communication from said service processor to said remote console includes utilizing an Ethernet connection.
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4. The method of claim 1, further comprising the step of routing communication from one of a plurality of partitions to said service processor through a multiplexer.
5. The method of claim 4, further comprising the step of selecting one of said plurality of partitions for communication between said multiplexer and said service processor through a multiplexer control.
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6. The method of claim 4, wherein the step of routing communication from one of said plurality of partitions to said service processor includes utilizing standard UART signals.
7. A computer system operable in a headless environment, comprising:
a first partition;

a service processor to manage a communication between said first partition and a remote console; and

a UART communication channel to transfer said communication between said first partition and said service processor.

- 5 8. The system of claim 7, further comprising a multiplexer to direct communication between one of a plurality of partitions and said service processor.
9. The system of claim 8, further comprising a multiplexer control to select one of said partitions for communication with said service processor.
- 10 10. The system of claim 8, wherein said multiplexer directs said communication through said UART channel.
11. The system of claim 7, wherein said service processor receives and transmits commands with said remote console through an Ethernet connection.
12. A method for remotely communicating with a computer system operable in a headless environment, comprising:
- 15 (a) routing communication from a first partition of the system to a multiplexer;
- (b) routing communication from a second partition of the system to a multiplexer; and
- (c) routing communication from said multiplexer to a remote console.
13. The method of claim 12, wherein the step of routing communication from one of said partitions of the system to the multiplexer includes utilizing a UART communication channel.
- 20 14. The method of claim 12, wherein the step of routing communication from said multiplexer to said remote console includes utilizing a UART communication channel.

15. The method of claim 12, further comprising the step of selecting one of said partitions for communication from said multiplexer to said remote console through a multiplexer control.
16. A computer system operable in a headless environment, comprising:
a first partition;
5 a second partition;
a multiplexer to manage a communication between one of said partitions and a remote console;
and
a UART communication channel to transfer said communication between one of said partitions and said remote console.
- 10 17. The system of claim 16, wherein said partitions communicate with said multiplexer through a UART communication channel.
18. The system of claim 16, further comprising a multiplexer control to select one of said partitions for communication with said remote console.
- 15 19. The system of claim 16, wherein said multiplexer receives and transmits commands with said remote console through an Ethernet connection.